

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>58,161</b>	<b>61,594</b>	<b>3,433</b>	<b>5.9%</b>	<b>1,717</b>	<b>1,564</b>	<b>3,281</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>2,915</b>	<b>3,073</b>	<b>158</b>	<b>5.4%</b>	<b>79</b>	<b>47</b>	<b>126</b>
11-1000	Top Executives	624	666	42	6.7%	21	10	31
11-1011	Chief Executives	158	172	14	8.9%	7	3	10
11-1021	General and Operations Managers	430	457	27	6.3%	14	7	21
11-1031	Legislators	36	37	1	2.8%	1	1	2
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	205	221	16	7.8%	8	3	11
11-2011	Advertising and Promotions Managers	10	10	0	0.0%	0	0	0
11-2021	Marketing Managers	33	36	3	9.1%	2	1	3
11-2022	Sales Managers	135	147	12	8.9%	6	2	8
11-2031	Public Relations Managers	27	28	1	3.7%	1	1	2
11-3000	Operations Specialties Managers	493	526	33	6.7%	17	8	25
11-3011	Administrative Services Managers	88	94	6	6.8%	3	2	5
11-3021	Computer and Information Systems Managers	27	27	0	0.0%	0	1	1
11-3031	Financial Managers	204	217	13	6.4%	7	3	10
11-3040	Human Resources Managers	71	77	6	8.5%	3	1	4
11-3051	Industrial Production Managers	37	42	5	13.5%	3	1	4
11-3061	Purchasing Managers	40	42	2	5.0%	1	1	2
11-3071	Transportation, Storage, and Distribution Managers	26	27	1	3.8%	1	1	2
11-9000	Other Management Occupations	1,593	1,660	67	4.2%	34	26	60
11-9011	Farm, Ranch, and Other Agricultural Managers	15	15	0	0.0%	0	0	0
11-9012	Farmers and Ranchers	**	**	**	**	**	**	**
11-9021	Construction Managers	141	154	13	9.2%	7	2	9
11-9031	Education Administrators, Preschool and Child Care Center/Program	23	25	2	8.7%	1	1	2
11-9032	Education Administrators, Elementary and Secondary School	77	81	4	5.2%	2	2	4
11-9033	Education Administrators, Postsecondary	64	67	3	4.7%	2	2	4
11-9039	Education Administrators, All Other	**	**	**	0.0%	**	**	**
11-9041	Engineering Managers	43	45	2	4.7%	1	1	2
11-9051	Food Service Managers	303	317	14	4.6%	7	5	12
11-9061	Funeral Directors	**	**	**	0.0%	**	**	**
11-9071	Gaming Managers	**	**	**	**	**	**	**
11-9081	Lodging Managers	260	273	13	5.0%	7	4	11
11-9111	Medical and Health Services Managers	85	90	5	5.9%	3	2	5
11-9121	Natural Sciences Managers	90	88	-2	-2.2%	-1	2	1
11-9131	Postmasters and Mail Superintendents	**	**	**	-11.1%	**	**	**

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11-9141	Property, Real Estate, and Community Association Managers	72	78	6	8.3%	3	1	4
11-9151	Social and Community Service Managers	98	103	5	5.1%	3	2	5
11-9199	Managers, All Other	304	307	3	1.0%	2	6	8
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>1,507</b>	<b>1,611</b>	<b>104</b>	<b>6.9%</b>	<b>52</b>	<b>24</b>	<b>76</b>
13-1000	Business Operations Specialists	855	907	52	6.1%	26	14	40
13-1011	Agents and Business Managers of Artists, Performers, and	**	**	**	**	**	**	**
13-1021	Purchasing Agents and Buyers, Farm Products	13	13	0	0.0%	0	1	1
13-1022	Wholesale and Retail Buyers, Except Farm Products	59	58	-1	-1.7%	-1	2	2
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	78	80	2	2.6%	1	2	3
13-1031	Claims Adjusters, Examiners, and Investigators	**	**	**	0.0%	**	**	**
13-1032	Insurance Appraisers, Auto Damage	**	**	**	50.0%	**	**	**
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	26	27	1	3.8%	1	1	2
13-1051	Cost Estimators	70	79	9	12.9%	5	2	7
13-1061	Emergency Management Specialists	**	**	**	100.0%	**	**	**
13-1071	Employment, Recruitment, and Placement Specialists	18	20	2	11.1%	1	0	1
13-1072	Compensation, Benefits, and Job Analysis Specialists	15	19	4	26.7%	2	0	2
13-1073	Training and Development Specialists	165	168	3	1.8%	2	2	4
13-1111	Management Analysts	155	171	16	10.3%	8	2	10
13-1121	Meeting and Convention Planners	**	**	**	0.0%	**	**	**
13-1199	Business Operations Specialists, All Other	244	258	14	5.7%	7	4	11
13-2000	Financial Specialists	652	704	52	8.0%	26	11	37
13-2011	Accountants and Auditors	363	392	29	8.0%	15	7	22
13-2021	Appraisers and Assessors of Real Estate	36	38	2	5.6%	1	1	2
13-2031	Budget Analysts	19	20	1	5.3%	1	1	2
13-2041	Credit Analysts	**	**	**	16.7%	**	**	**
13-2051	Financial Analysts	10	12	2	20.0%	1	0	1
13-2052	Personal Financial Advisors	75	82	7	9.3%	4	1	5
13-2061	Financial Examiners	**	**	**	**	**	**	**
13-2071	Loan Counselors	10	11	1	10.0%	1	0	1
13-2072	Loan Officers	42	44	2	4.8%	1	1	2
13-2081	Tax Examiners, Collectors, and Revenue Agents	10	10	0	0.0%	0	0	0
13-2082	Tax Preparers	25	28	3	12.0%	2	1	3
13-2099	Financial Specialists, All Other	50	53	3	6.0%	2	1	3
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>443</b>	<b>476</b>	<b>33</b>	<b>7.4%</b>	<b>17</b>	<b>5</b>	<b>22</b>
15-1000	Computer Specialists	431	463	32	7.4%	16	5	21
15-1011	Computer and Information Scientists, Research	11	11	0	0.0%	0	0	0

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15-1021	Computer Programmers	43	45	2	4.7%	1	1	2
15-1031	Computer Software Engineers, Applications	18	20	2	11.1%	1	0	1
15-1032	Computer Software Engineers, Systems Software	59	61	2	3.4%	1	1	2
15-1041	Computer Support Specialists	93	100	7	7.5%	4	1	5
15-1051	Computer Systems Analysts	93	98	5	5.4%	3	1	4
15-1061	Database Administrators	36	41	5	13.9%	3	1	4
15-1071	Network and Computer Systems Administrators	38	41	3	7.9%	2	1	3
15-1081	Network Systems and Data Communications Analysts	39	45	6	15.4%	3	1	4
15-1099	Computer Specialists, All Other	**	**	**	0.0%	**	**	**
15-2000	Mathematical Scientists	12	13	1	8.3%	1	0	1
15-2021	Mathematicians	**	**	**	0.0%	**	**	**
15-2031	Operations Research Analysts	10	11	1	10.0%	1	0	1
15-2041	Statisticians	**	**	**	**	**	**	**
15-2099	Mathematical Science Occupations, All Other	**	**	**	0.0%	**	**	**
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>511</b>	<b>549</b>	<b>38</b>	<b>7.4%</b>	<b>19</b>	<b>11</b>	<b>30</b>
17-1000	Architects, Surveyors, and Cartographers	76	81	5	6.6%	3	2	5
17-1011	Architects, Except Landscape and Naval	16	17	1	6.3%	1	0	1
17-1012	Landscape Architects	17	18	1	5.9%	1	0	1
17-1021	Cartographers and Photogrammetrists	**	**	**	0.0%	**	**	**
17-1022	Surveyors	38	41	3	7.9%	2	2	4
17-1099	Architects, Surveyors, and Cartographers, All Other (OES)	**	**	**	**	**	**	**
17-2000	Engineers	232	255	23	9.9%	12	4	16
17-2011	Aerospace Engineers	**	**	**	**	**	**	**
17-2021	Agricultural Engineers	**	**	**	0.0%	**	**	**
17-2031	Biomedical Engineers	**	**	**	22.2%	**	**	**
17-2041	Chemical Engineers	**	**	**	25.0%	**	**	**
17-2051	Civil Engineers	82	88	6	7.3%	3	1	4
17-2061	Computer Hardware Engineers	**	**	**	0.0%	**	**	**
17-2071	Electrical Engineers	14	15	1	7.1%	1	1	2
17-2072	Electronics Engineers, Except Computer	**	**	**	0.0%	**	**	**
17-2081	Environmental Engineers	20	22	2	10.0%	1	1	2
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	**	**	**	11.1%	**	**	**
17-2112	Industrial Engineers	41	46	5	12.2%	3	1	4
17-2121	Marine Engineers and Naval Architects	**	**	**	**	**	**	**
17-2131	Materials Engineers	**	**	**	16.7%	**	**	**
17-2141	Mechanical Engineers	33	37	4	12.1%	2	1	3

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17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	**	**	**	0.0%	**	**	**
17-2161	Nuclear Engineers	**	**	**	**	**	**	**
17-2199	Engineers, All Other	**	**	**	0.0%	**	**	**
17-3000	Drafters, Engineering, and Mapping Technicians	203	213	10	4.9%	5	5	10
17-3011	Architectural and Civil Drafters	16	17	1	6.3%	1	1	2
17-3012	Electrical and Electronics Drafters	**	**	**	**	**	**	**
17-3013	Mechanical Drafters	16	17	1	6.3%	1	1	2
17-3021	Aerospace Engineering and Operations Technicians	**	**	**	**	**	**	**
17-3022	Civil Engineering Technicians	55	60	5	9.1%	3	1	4
17-3023	Electrical and Electronic Engineering Technicians	13	13	0	0.0%	0	1	1
17-3024	Electro-Mechanical Technicians	**	**	**	**	**	**	**
17-3025	Environmental Engineering Technicians	**	**	**	0.0%	**	**	**
17-3026	Industrial Engineering Technicians	16	15	-1	-6.3%	-1	1	1
17-3027	Mechanical Engineering Technicians	11	12	1	9.1%	1	0	1
17-3031	Surveying and Mapping Technicians	22	24	2	9.1%	1	1	2
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	50	51	1	2.0%	1	1	2
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>864</b>	<b>883</b>	<b>19</b>	<b>2.2%</b>	<b>10</b>	<b>21</b>	<b>31</b>
19-1000	Life Scientists	189	189	0	0.0%	0	5	5
19-1010	Agricultural and Food Scientists	49	52	3	6.1%	2	1	3
19-1021	Biochemists and Biophysicists	**	**	**	**	**	**	**
19-1022	Microbiologists	**	**	**	**	**	**	**
19-1023	Zoologists and Wildlife Biologists	47	45	-2	-4.3%	-1	2	1
19-1031	Conservation Scientists	23	22	-1	-4.3%	-1	1	1
19-1032	Foresters	31	30	-1	-3.2%	-1	1	1
19-1041	Epidemiologists	**	**	**	**	**	**	**
19-1042	Medical Scientists, Except Epidemiologists	**	**	**	0.0%	**	**	**
19-1099	Life Scientists, All Other	38	39	1	2.6%	1	1	2
19-2000	Physical Scientists	158	161	3	1.9%	2	4	6
19-2011	Astronomers	17	16	-1	-5.9%	-1	1	1
19-2021	Atmospheric and Space Scientists	14	13	-1	-7.1%	-1	1	1
19-2031	Chemists	15	17	2	13.3%	1	1	2
19-2032	Materials Scientists	11	12	1	9.1%	1	1	2
19-2041	Environmental Scientists and Specialists, Including Health	44	48	4	9.1%	2	1	3
19-2042	Geoscientists, Except Hydrologists and Geographers	24	23	-1	-4.2%	-1	1	1
19-2043	Hydrologists	19	19	0	0.0%	0	1	1

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19-2099	Physical Scientists, All Other	14	13	-1	-7.1%	-1	1	1
19-3000	Social Scientists and Related Workers	253	265	12	4.7%	6	6	12
19-3011	Economists	**	**	**	0.0%	**	**	**
19-3021	Market Research Analysts	32	35	3	9.4%	2	1	3
19-3022	Survey Researchers	33	36	3	9.1%	2	1	3
19-3031	Clinical, Counseling, and School Psychologists	65	68	3	4.6%	2	2	4
19-3032	Industrial-Organizational Psychologists	**	**	**	**	**	**	**
19-3041	Sociologists	**	**	**	12.5%	**	**	**
19-3051	Urban and Regional Planners	28	29	1	3.6%	1	1	2
19-3091	Anthropologists and Archeologists	34	34	0	0.0%	0	1	1
19-3092	Geographers	**	**	**	0.0%	**	**	**
19-3093	Historians	**	**	**	**	**	**	**
19-3094	Political Scientists	**	**	**	**	**	**	**
19-3099	Social Scientists and Related Workers, All Other	32	32	0	0.0%	0	1	1
19-4000	Life, Physical, and Social Science Technicians	264	268	4	1.5%	2	6	8
19-4011	Agricultural and Food Science Technicians	**	**	**	**	**	**	**
19-4021	Biological Technicians	63	63	0	0.0%	0	1	1
19-4031	Chemical Technicians	13	16	3	23.1%	2	1	3
19-4041	Geological and Petroleum Technicians	**	**	**	**	**	**	**
19-4091	Environmental Science and Protection Technicians, Including Health	19	21	2	10.5%	1	1	2
19-4092	Forensic Science Technicians	**	**	**	**	**	**	**
19-4093	Forest and Conservation Technicians	107	105	-2	-1.9%	-1	3	2
19-4099	Life, Physical, and Social Science Technicians, All Other	61	61	0	0.0%	0	2	2
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>961</b>	<b>1,005</b>	<b>44</b>	<b>4.6%</b>	<b>22</b>	<b>17</b>	<b>39</b>
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	649	681	32	4.9%	16	12	28
21-1011	Substance Abuse and Behavioral Disorder Counselors	20	20	0	0.0%	0	1	1
21-1012	Educational, Vocational, and School Counselors	110	112	2	1.8%	1	3	4
21-1013	Marriage and Family Therapists	11	12	1	9.1%	1	0	1
21-1014	Mental Health Counselors	54	57	3	5.6%	2	1	3
21-1015	Rehabilitation Counselors	83	89	6	7.2%	3	2	5
21-1021	Child, Family, and School Social Workers	50	51	1	2.0%	1	1	2
21-1022	Medical and Public Health Social Workers	41	43	2	4.9%	1	1	2
21-1023	Mental Health and Substance Abuse Social Workers	33	37	4	12.1%	2	1	3
21-1091	Health Educators	19	20	1	5.3%	1	1	2
21-1092	Probation Officers and Correctional Treatment Specialists	144	150	6	4.2%	3	3	6

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21-1093	Social and Human Service Assistants	84	90	6	7.1%	3	2	5
21-2000	Religious Workers	174	179	5	2.9%	3	3	6
21-2011	Clergy	87	89	2	2.3%	1	2	3
21-2021	Directors, Religious Activities and Education	**	**	**	3.4%	**	**	**
21-9000	Miscellaneous Counselors, Social, & Religious Workers	138	145	7	5.1%	4	3	7
21-9099	Counselors, Social, and Religious Workers, All Other (OES)	138	145	7	5.1%	4	3	7
<b>23-0000</b>	<b>Legal Occupations</b>	<b>315</b>	<b>342</b>	<b>27</b>	<b>8.6%</b>	<b>14</b>	<b>2</b>	<b>16</b>
23-1000	Lawyers, Judges, and Related Workers	215	234	19	8.8%	10	2	12
23-1011	Lawyers	193	211	18	9.3%	9	2	11
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	10	10	0	0.0%	0	0	0
23-1022	Arbitrators, Mediators, and Conciliators	**	**	**	0.0%	**	**	**
23-1023	Judges, Magistrate Judges, and Magistrates	11	12	1	9.1%	1	0	1
23-2000	Legal Support Workers	82	88	6	7.3%	3	0	3
23-2011	Paralegals and Legal Assistants	38	43	5	13.2%	3	0	3
23-2091	Court Reporters	11	11	0	0.0%	0	0	0
23-2092	Law Clerks	16	17	1	6.3%	1	0	1
23-2093	Title Examiners, Abstractors, and Searchers	17	17	0	0.0%	0	0	0
23-9000	Miscellaneous Legal & Related Workers	18	20	2	11.1%	1	0	1
23-9099	Legal and Related Workers, All Other (OES Only)	18	20	2	11.1%	1	0	1
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>3,965</b>	<b>4,168</b>	<b>203</b>	<b>5.1%</b>	<b>102</b>	<b>78</b>	<b>180</b>
25-1000	Postsecondary Teachers	1,283	1,370	87	6.8%	44	28	72
25-1011	Business Teachers, Postsecondary	92	99	7	7.6%	4	2	6
25-1021	Computer Science Teachers, Postsecondary	30	32	2	6.7%	1	1	2
25-1022	Mathematical Science Teachers, Postsecondary	35	37	2	5.7%	1	1	2
25-1031	Architecture Teachers, Postsecondary	**	**	**	**	**	**	**
25-1032	Engineering Teachers, Postsecondary	20	22	2	10.0%	1	1	2
25-1041	Agricultural Sciences Teachers, Postsecondary	**	**	**	**	**	**	**
25-1042	Biological Science Teachers, Postsecondary	54	57	3	5.6%	2	1	3
25-1043	Forestry and Conservation Science Teachers, Postsecondary	13	14	1	7.7%	1	1	2
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers,	10	11	1	10.0%	1	0	1
25-1052	Chemistry Teachers, Postsecondary	23	24	1	4.3%	1	1	2
25-1053	Environmental Science Teachers, Postsecondary	12	13	1	8.3%	1	1	2
25-1054	Physics Teachers, Postsecondary	**	**	**	11.1%	**	**	**
25-1061	Anthropology and Archeology Teachers, Postsecondary	13	14	1	7.7%	1	1	2
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	**	**	**	33.3%	**	**	**
25-1063	Economics Teachers, Postsecondary	**	**	**	**	**	**	**
25-1064	Geography Teachers, Postsecondary	23	24	1	4.3%	1	1	2

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25-1065	Political Science Teachers, Postsecondary	19	20	1	5.3%	1	1	2
25-1066	Psychology Teachers, Postsecondary	34	35	1	2.9%	1	1	2
25-1067	Sociology Teachers, Postsecondary	30	32	2	6.7%	1	1	2
25-1071	Health Specialties Teachers, Postsecondary	75	81	6	8.0%	3	2	5
25-1072	Nursing Instructors and Teachers, Postsecondary	29	31	2	6.9%	1	1	2
25-1081	Education Teachers, Postsecondary	**	**	**	**	**	**	**
25-1082	Library Science Teachers, Postsecondary	**	**	**	**	**	**	**
25-1111	Criminal Justice and Law Enforcement Teachers,	25	27	2	8.0%	1	1	2
25-1112	Law Teachers, Postsecondary	**	**	**	**	**	**	**
25-1113	Social Work Teachers, Postsecondary	**	**	**	0.0%	**	**	**
25-1121	Art, Drama, and Music Teachers, Postsecondary	61	66	5	8.2%	3	2	5
25-1122	Communications Teachers, Postsecondary	36	39	3	8.3%	2	1	3
25-1123	English Language and Literature Teachers, Postsecondary	70	74	4	5.7%	2	2	4
25-1124	Foreign Language and Literature Teachers, Postsecondary	26	27	1	3.8%	1	1	2
25-1125	History Teachers, Postsecondary	13	14	1	7.7%	1	1	2
25-1126	Philosophy and Religion Teachers, Postsecondary	14	15	1	7.1%	1	1	2
25-1191	Graduate Teaching Assistants	311	332	21	6.8%	11	7	18
25-1192	Home Economics Teachers, Postsecondary	**	**	**	14.3%	**	**	**
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	**	**	**	0.0%	**	**	**
25-1194	Vocational Education Teachers, Postsecondary	75	79	4	5.3%	2	2	4
25-1199	Postsecondary Teachers, All Other	117	125	8	6.8%	4	3	7
25-2000	Primary, Secondary, and Special Education School Teachers	1,558	1,631	73	4.7%	37	31	68
25-2011	Preschool Teachers, Except Special Education	176	186	10	5.7%	5	2	7
25-2012	Kindergarten Teachers, Except Special Education	47	49	2	4.3%	1	1	2
25-2021	Elementary School Teachers, Except Special Education	597	624	27	4.5%	14	12	26
25-2022	Middle School Teachers, Except Special and Vocational	236	243	7	3.0%	4	5	9
25-2023	Vocational Education Teachers, Middle School	17	17	0	0.0%	0	1	1
25-2031	Secondary School Teachers, Except Special and Vocational	273	287	14	5.1%	7	7	14
25-2032	Vocational Education Teachers, Secondary School	42	44	2	4.8%	1	1	2
25-2041	Special Education Teachers, Preschool, Kindergarten, and	93	99	6	6.5%	3	2	5
25-2042	Special Education Teachers, Middle School	49	52	3	6.1%	2	1	3
25-2043	Special Education Teachers, Secondary School	28	30	2	7.1%	1	1	2
25-3000	Other Teachers and Instructors	182	180	-2	-1.1%	-1	2	1
25-3011	Adult Literacy, Remedial Education, and GED Teachers and	**	**	**	0.0%	**	**	**
25-3021	Self-Enrichment Education Teachers	17	19	2	11.8%	1	0	1
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES	160	156	-4	-2.5%	-2	2	0
25-4000	Librarians, Curators, and Archivists	204	210	6	2.9%	3	6	9

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
25-4010	Archivists, Curators, and Museum Technicians	11	11	0	0.0%	0	0	0
25-4021	Librarians	81	82	1	1.2%	1	2	3
25-4031	Library Technicians	112	117	5	4.5%	3	5	8
25-9000	Other Education, Training, and Library Occupations	738	777	39	5.3%	20	13	33
25-9011	Audio-Visual Collections Specialists	**	**	**	0.0%	**	**	**
25-9021	Farm and Home Management Advisors	**	**	**	**	**	**	**
25-9031	Instructional Coordinators	173	182	9	5.2%	5	3	8
25-9041	Teacher Assistants	564	594	30	5.3%	15	10	25
25-9199	Library, Museum, Training, and Other Education Workers, All	**	**	**	**	**	**	**
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>661</b>	<b>695</b>	<b>34</b>	<b>5.1%</b>	<b>17</b>	<b>12</b>	<b>29</b>
27-1000	Art and Design Workers	189	201	12	6.3%	6	2	8
27-1011	Art Directors	13	14	1	7.7%	1	1	2
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	**	**	**	**	**	**	**
27-1014	Multi-Media Artists and Animators	**	**	**	11.1%	**	**	**
27-1021	Commercial and Industrial Designers	10	11	1	10.0%	1	0	1
27-1022	Fashion Designers	**	**	**	0.0%	**	**	**
27-1023	Floral Designers	34	35	1	2.9%	1	1	2
27-1024	Graphic Designers	63	71	8	12.7%	4	1	5
27-1025	Interior Designers	**	**	**	0.0%	**	**	**
27-1026	Merchandise Displayers and Window Trimmers	17	17	0	0.0%	0	0	0
27-1027	Set and Exhibit Designers	**	**	**	0.0%	**	**	**
27-1099	Art and Design Workers, All Other (OES Only)	26	26	0	0.0%	0	1	1
27-2000	Entertainers and Performers, Sports and Related Workers	140	148	8	5.7%	4	4	8
27-2011	Actors	12	13	1	8.3%	1	0	1
27-2012	Producers and Directors	25	26	1	4.0%	1	1	2
27-2021	Athletes and Sports Competitors	**	**	**	**	**	**	**
27-2022	Coaches and Scouts	41	43	2	4.9%	1	1	2
27-2023	Umpires, Referees, and Other Sports Officials	**	**	**	**	**	**	**
27-2031	Dancers	**	**	**	**	**	**	**
27-2032	Choreographers	32	33	1	3.1%	1	2	3
27-2041	Music Directors and Composers	**	**	**	12.5%	**	**	**
27-2042	Musicians and Singers	22	24	2	9.1%	1	1	2
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	**	**	**	**	**	**	**
27-3000	Media and Communication Workers	235	246	11	4.7%	6	4	10
27-3010	Announcers	37	40	3	8.1%	2	1	3

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
27-3020	News Analysts, Reporters and Correspondents	55	56	1	1.8%	1	1	2
27-3031	Public Relations Specialists	50	55	5	10.0%	3	1	4
27-3041	Editors	52	52	0	0.0%	0	1	1
27-3042	Technical Writers	**	**	**	14.3%	**	**	**
27-3043	Writers and Authors	20	21	1	5.0%	1	1	2
27-3091	Interpreters and Translators	**	**	**	0.0%	**	**	**
27-3099	Media and Communication Workers, All Other	13	13	0	0.0%	0	0	0
27-4000	Media and Communication Equipment Workers	97	100	3	3.1%	2	2	4
27-4011	Audio and Video Equipment Technicians	13	13	0	0.0%	0	1	1
27-4012	Broadcast Technicians	12	12	0	0.0%	0	1	1
27-4013	Radio Operators	**	**	**	**	**	**	**
27-4014	Sound Engineering Technicians	**	**	**	**	**	**	**
27-4021	Photographers	35	37	2	5.7%	1	1	2
27-4031	Camera Operators, Television, Video, and Motion Picture	**	**	**	0.0%	**	**	**
27-4032	Film and Video Editors	13	13	0	0.0%	0	0	0
27-4099	Media and Communication Equipment Workers, All Other	15	16	1	6.7%	1	1	2
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>2,897</b>	<b>3,032</b>	<b>135</b>	<b>4.7%</b>	<b>68</b>	<b>50</b>	<b>118</b>
29-1000	Health Diagnosing and Treating Practitioners	1,698	1,778	80	4.7%	40	30	70
29-1011	Chiropractors	33	34	1	3.0%	1	1	2
29-1020	Dentists	160	167	7	4.4%	4	3	7
29-1031	Dietitians and Nutritionists	14	15	1	7.1%	1	1	2
29-1041	Optometrists	**	**	**	0.0%	**	**	**
29-1051	Pharmacists	35	39	4	11.4%	2	1	3
29-1061	Anesthesiologists	69	71	2	2.9%	1	1	2
29-1062	Family and General Practitioners	55	56	1	1.8%	1	1	2
29-1063	Internists, General	13	13	0	0.0%	0	0	0
29-1064	Obstetricians and Gynecologists	**	**	**	**	**	**	**
29-1065	Pediatricians, General	**	**	**	0.0%	**	**	**
29-1066	Psychiatrists	11	11	0	0.0%	0	0	0
29-1067	Surgeons	**	**	**	**	**	**	**
29-1069	Physicians and Surgeons, All Other	109	110	1	0.9%	1	2	3
29-1071	Physician Assistants	39	42	3	7.7%	2	1	3
29-1111	Registered Nurses	647	677	30	4.6%	15	12	27
29-1121	Audiologists	**	**	**	0.0%	**	**	**
29-1122	Occupational Therapists	13	13	0	0.0%	0	0	0
29-1123	Physical Therapists	116	124	8	6.9%	4	1	5
29-1124	Radiation Therapists	**	**	**	10.0%	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
29-1125	Recreational Therapists	**	**	**	0.0%	**	**	**
29-1126	Respiratory Therapists	**	**	**	7.9%	**	**	**
29-1127	Speech-Language Pathologists	43	45	2	4.7%	1	1	2
29-1131	Veterinarians	12	13	1	8.3%	1	1	2
29-1199	Health Diagnosing and Treating Practitioners, All Other	132	137	5	3.8%	3	3	6
29-2000	Health Technologists and Technicians	1,109	1,161	52	4.7%	26	19	45
29-2011	Medical and Clinical Laboratory Technologists	89	91	2	2.2%	1	3	4
29-2012	Medical and Clinical Laboratory Technicians	22	23	1	4.5%	1	1	2
29-2021	Dental Hygienists	32	34	2	6.3%	1	0	1
29-2031	Cardiovascular Technologists and Technicians	47	51	4	8.5%	2	1	3
29-2032	Diagnostic Medical Sonographers	22	23	1	4.5%	1	1	2
29-2033	Nuclear Medicine Technologists	11	12	1	9.1%	1	0	1
29-2034	Radiologic Technologists and Technicians	148	154	6	4.1%	3	3	6
29-2041	Emergency Medical Technicians and Paramedics	51	54	3	5.9%	2	1	3
29-2051	Dietetic Technicians	22	23	1	4.5%	1	1	2
29-2052	Pharmacy Technicians	47	51	4	8.5%	2	1	3
29-2053	Psychiatric Technicians	61	62	1	1.6%	1	1	2
29-2054	Respiratory Therapy Technicians	**	**	**	**	**	**	**
29-2055	Surgical Technologists	**	**	**	0.0%	**	**	**
29-2056	Veterinary Technologists and Technicians	41	47	6	14.6%	3	1	4
29-2061	Licensed Practical and Licensed Vocational Nurses	313	321	8	2.6%	4	7	11
29-2071	Medical Records and Health Information Technicians	175	186	11	6.3%	6	2	8
29-2081	Opticians, Dispensing	25	26	1	4.0%	1	1	2
29-9000	Other Healthcare Practitioners and Technical Occupations	24	24	0	0.0%	0	1	1
29-9010	Occupational Health and Safety Specialists and Technicians	**	**	**	0.0%	**	**	**
29-9091	Athletic Trainers	15	15	0	0.0%	0	1	1
29-9100	Other Health Practitioners And Technical Workers	66	69	3	4.5%	2	1	3
29-9199	Health Professionals and Technicians, All Other (OES Only)	66	69	3	4.5%	2	1	3
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>1,335</b>	<b>1,416</b>	<b>81</b>	<b>6.1%</b>	<b>41</b>	<b>21</b>	<b>62</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	767	810	43	5.6%	22	9	31
31-1011	Home Health Aides	302	326	24	7.9%	12	4	16
31-1012	Nursing Aides, Orderlies, and Attendants	465	484	19	4.1%	10	6	16
31-1013	Psychiatric Aides	**	**	**	**	**	**	**
31-2000	Occupational and Physical Therapist Assistants and Aides	48	51	3	6.3%	2	1	3
31-2011	Occupational Therapist Assistants	**	**	**	0.0%	**	**	**
31-2021	Physical Therapist Assistants	19	20	1	5.3%	1	1	2
31-2022	Physical Therapist Aides	28	30	2	7.1%	1	1	2

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
31-9000	Other Healthcare Support Occupations	520	555	35	6.7%	18	11	29
31-9011	Massage Therapists	29	30	1	3.4%	1	1	2
31-9091	Dental Assistants	150	160	10	6.7%	5	4	9
31-9092	Medical Assistants	134	149	15	11.2%	8	3	11
31-9093	Medical Equipment Preparers	**	**	**	**	**	**	**
31-9094	Medical Transcriptionists	105	109	4	3.8%	2	2	4
31-9095	Pharmacy Aides	**	**	**	28.6%	**	**	**
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	**	**	**	0.0%	**	**	**
31-9099	Healthcare Support Workers, All Other	90	93	3	3.3%	2	2	4
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,253</b>	<b>1,308</b>	<b>55</b>	<b>4.4%</b>	<b>28</b>	<b>46</b>	<b>74</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	169	175	6	3.6%	3	6	9
33-1011	First-Line Supervisors/Managers of Correctional Officers	**	**	**	9.1%	**	**	**
33-1012	First-Line Supervisors/Managers of Police and Detectives	60	62	2	3.3%	1	2	3
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	49	52	3	6.1%	2	2	4
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	49	49	0	0.0%	0	1	1
33-2000	Fire Fighting and Prevention Workers	205	219	14	6.8%	7	6	13
33-2011	Fire Fighters	198	212	14	7.1%	7	6	13
33-2021	Fire Inspectors and Investigators	**	**	**	0.0%	**	**	**
33-2022	Forest Fire Inspectors and Prevention Specialists	**	**	**	**	**	**	**
33-3000	Law Enforcement Workers	306	323	17	5.6%	9	7	16
33-3011	Bailiffs	**	**	**	0.0%	**	**	**
33-3012	Correctional Officers and Jailers	20	21	1	5.0%	1	1	2
33-3021	Detectives and Criminal Investigators	47	48	1	2.1%	1	1	2
33-3031	Fish and Game Wardens	**	**	**	**	**	**	**
33-3041	Parking Enforcement Workers	**	**	**	0.0%	**	**	**
33-3051	Police and Sheriff's Patrol Officers	233	248	15	6.4%	8	6	14
33-3052	Transit and Railroad Police	**	**	**	**	**	**	**
33-9000	Other Protective Service Workers	573	591	18	3.1%	9	28	37
33-9011	Animal Control Workers	22	22	0	0.0%	0	3	3
33-9021	Private Detectives and Investigators	17	18	1	5.9%	1	1	2
33-9031	Gaming Surveillance Officers and Gaming Investigators	**	**	**	**	**	**	**
33-9032	Security Guards	377	396	19	5.0%	10	9	19
33-9091	Crossing Guards	**	**	**	0.0%	**	**	**
33-9099	Protective Service Workers, All Other	145	143	-2	-1.4%	-1	16	15
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>8,103</b>	<b>8,552</b>	<b>449</b>	<b>5.5%</b>	<b>225</b>	<b>401</b>	<b>626</b>

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
35-1000	Supervisors, Food Preparation and Serving Workers	629	663	34	5.4%	17	17	34
35-1011	Chefs and Head Cooks	98	104	6	6.1%	3	4	7
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	531	559	28	5.3%	14	14	28
35-2000	Cooks and Food Preparation Workers	2,073	2,181	108	5.2%	54	87	141
35-2011	Cooks, Fast Food	351	364	13	3.7%	7	14	21
35-2012	Cooks, Institution and Cafeteria	161	161	0	0.0%	0	7	7
35-2013	Cooks, Private Household	**	**	**	**	**	**	**
35-2014	Cooks, Restaurant	599	633	34	5.7%	17	24	41
35-2015	Cooks, Short Order	167	172	5	3.0%	3	7	10
35-2021	Food Preparation Workers	795	851	56	7.0%	28	36	64
35-3000	Food and Beverage Serving Workers	4,008	4,248	240	6.0%	120	235	355
35-3011	Bartenders	362	377	15	4.1%	8	14	22
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,612	1,721	109	6.8%	55	88	143
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	323	341	18	5.6%	9	34	43
35-3031	Waiters and Waitresses	1,630	1,725	95	5.8%	48	95	143
35-3041	Food Servers, Nonrestaurant	81	84	3	3.7%	2	4	6
35-9000	Other Food Preparation and Serving Related Workers	1,393	1,460	67	4.8%	34	62	96
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	486	511	25	5.1%	13	22	35
35-9021	Dishwashers	594	617	23	3.9%	12	29	41
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	310	329	19	6.1%	10	12	22
35-9099	Food Preparation and Serving Related Workers, All Other	**	**	**	0.0%	**	**	**
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance</b>	<b>2,864</b>	<b>3,033</b>	<b>169</b>	<b>5.9%</b>	<b>85</b>	<b>57</b>	<b>142</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	257	272	15	5.8%	8	5	13
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	185	195	10	5.4%	5	4	9
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	72	77	5	6.9%	3	1	4
37-2000	Building Cleaning and Pest Control Workers	2,127	2,248	121	5.7%	61	42	103
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	821	868	47	5.7%	24	16	40
37-2012	Maids and Housekeeping Cleaners	1,299	1,373	74	5.7%	37	27	64
37-2021	Pest Control Workers	**	**	**	0.0%	**	**	**
37-3000	Grounds Maintenance Workers	480	513	33	6.9%	17	11	28
37-3011	Landscaping and Groundskeeping Workers	470	503	33	7.0%	17	11	28
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	**	**	**	0.0%	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
37-3013	Tree Trimmers and Pruners	**	**	**	**	**	**	**
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	**	**	**	0.0%	**	**	**
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>1,416</b>	<b>1,480</b>	<b>64</b>	<b>4.5%</b>	<b>32</b>	<b>38</b>	<b>70</b>
39-1000	Supervisors, Personal Care and Service Workers	135	137	2	1.5%	1	4	5
39-1011	Gaming Supervisors	**	**	**	**	**	**	**
39-1021	First-Line Supervisors/Managers of Personal Service Workers	135	137	2	1.5%	1	4	5
39-2000	Animal Care and Service Workers	60	64	4	6.7%	2	2	4
39-2011	Animal Trainers	**	**	**	**	**	**	**
39-2021	Nonfarm Animal Caretakers	60	64	4	6.7%	2	2	4
39-3000	Entertainment Attendants and Related Workers	251	268	17	6.8%	9	9	18
39-3011	Gaming Dealers	**	**	**	**	**	**	**
39-3012	Gaming and Sports Book Writers and Runners	**	**	**	**	**	**	**
39-3021	Motion Picture Projectionists	**	**	**	**	**	**	**
39-3031	Ushers, Lobby Attendants, and Ticket Takers	**	**	**	**	**	**	**
39-3091	Amusement and Recreation Attendants	235	251	16	6.8%	8	9	17
39-3092	Costume Attendants	**	**	**	**	**	**	**
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	**	**	**	6.3%	**	**	**
39-3199	Gaming Workers, All Other (OES Only)	**	**	**	**	**	**	**
39-4000	Funeral Service Workers	**	**	**	-5.6%	**	**	**
39-4011	Embalmers	**	**	**	-10.0%	**	**	**
39-4021	Funeral Attendants	**	**	**	0.0%	**	**	**
39-5000	Personal Appearance Workers	144	145	1	0.7%	1	3	4
39-5011	Barbers	51	50	-1	-2.0%	-1	2	2
39-5012	Hairdressers, Hairstylists, and Cosmetologists	93	95	2	2.2%	1	2	3
39-6000	Transportation, Tourism, and Lodging Attendants	217	226	9	4.1%	5	6	11
39-6011	Baggage Porters and Bellhops	59	62	3	5.1%	2	2	4
39-6012	Concierges	20	22	2	10.0%	1	1	2
39-6021	Tour Guides and Escorts	53	56	3	5.7%	2	2	4
39-6022	Travel Guides	69	71	2	2.9%	1	2	3
39-6031	Flight Attendants	**	**	**	-6.7%	**	**	**
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	**	**	**	0.0%	**	**	**
39-9000	Other Personal Care and Service Workers	591	623	32	5.4%	16	15	31
39-9011	Child Care Workers	253	261	8	3.2%	4	8	12
39-9021	Personal and Home Care Aides	22	25	3	13.6%	2	1	3
39-9031	Fitness Trainers and Aerobics Instructors	93	103	10	10.8%	5	2	7

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
39-9032	Recreation Workers	192	202	10	5.2%	5	5	10
39-9041	Residential Advisors	22	23	1	4.5%	1	1	2
39-9099	Personal Care and Service Workers, All Other	**	**	**	0.0%	**	**	**
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>6,397</b>	<b>6,825</b>	<b>428</b>	<b>6.7%</b>	<b>214</b>	<b>248</b>	<b>462</b>
41-1000	Supervisors, Sales Workers	1,062	1,111	49	4.6%	25	18	43
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	963	1,005	42	4.4%	21	16	37
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	99	106	7	7.1%	4	2	6
41-2000	Retail Sales Workers	3,982	4,231	249	6.3%	125	200	325
41-2011	Cashiers	1,647	1,759	112	6.8%	56	107	163
41-2012	Gaming Change Persons and Booth Cashiers	**	**	**	**	**	**	**
41-2021	Counter and Rental Clerks	131	142	11	8.4%	6	6	12
41-2022	Parts Salespersons	89	95	6	6.7%	3	3	6
41-2031	Retail Salespersons	2,115	2,235	120	5.7%	60	85	145
41-3000	Sales Representatives, Services	152	165	13	8.6%	7	3	10
41-3011	Advertising Sales Agents	25	27	2	8.0%	1	1	2
41-3021	Insurance Sales Agents	94	100	6	6.4%	3	2	5
41-3031	Securities, Commodities, and Financial Services Sales Agents	18	19	1	5.6%	1	0	1
41-3041	Travel Agents	15	19	4	26.7%	2	1	3
41-4000	Sales Representatives, Wholesale and Manufacturing	761	854	93	12.2%	47	20	67
41-4011	Sales Representatives, Wholesale and Manufacturing,	30	32	2	6.7%	1	1	2
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	731	822	91	12.4%	46	19	65
41-9000	Other Sales and Related Workers	440	464	24	5.5%	12	8	20
41-9011	Demonstrators and Product Promoters	**	**	**	0.0%	**	**	**
41-9012	Models	**	**	**	**	**	**	**
41-9021	Real Estate Brokers	55	59	4	7.3%	2	1	3
41-9022	Real Estate Sales Agents	213	225	12	5.6%	6	4	10
41-9031	Sales Engineers	**	**	**	0.0%	**	**	**
41-9041	Telemarketers	71	73	2	2.8%	1	1	2
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	**	**	**	**	**	**	**
41-9099	Sales and Related Workers, All Other	93	99	6	6.5%	3	2	5
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>9,155</b>	<b>9,536</b>	<b>381</b>	<b>4.2%</b>	<b>191</b>	<b>226</b>	<b>417</b>
43-1000	Supervisors, Office and Administrative Support Workers	548	577	29	5.3%	15	11	26
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	548	577	29	5.3%	15	11	26
43-2000	Communications Equipment Operators	114	114	0	0.0%	0	3	3

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-2011	Switchboard Operators, Including Answering Service	85	88	3	3.5%	2	2	4
43-2021	Telephone Operators	25	22	-3	-12.0%	-2	1	-1
43-2099	Communications Equipment Operators, All Other	**	**	**	0.0%	**	**	**
43-3000	Financial Clerks	1,469	1,544	75	5.1%	38	36	74
43-3011	Bill and Account Collectors	87	97	10	11.5%	5	2	7
43-3021	Billing and Posting Clerks and Machine Operators	237	245	8	3.4%	4	4	8
43-3031	Bookkeeping, Accounting, and Auditing Clerks	798	831	33	4.1%	17	14	31
43-3041	Gaming Cage Workers	**	**	**	**	**	**	**
43-3051	Payroll and Timekeeping Clerks	81	83	2	2.5%	1	2	3
43-3061	Procurement Clerks	17	16	-1	-5.9%	-1	1	1
43-3071	Tellers	249	272	23	9.2%	12	14	26
43-4000	Information and Record Clerks	2,298	2,429	131	5.7%	66	62	128
43-4011	Brokerage Clerks	**	**	**	0.0%	**	**	**
43-4021	Correspondence Clerks	**	**	**	**	**	**	**
43-4031	Court, Municipal, and License Clerks	64	67	3	4.7%	2	2	4
43-4041	Credit Authorizers, Checkers, and Clerks	**	**	**	0.0%	**	**	**
43-4051	Customer Service Representatives	482	517	35	7.3%	18	7	25
43-4061	Eligibility Interviewers, Government Programs	41	41	0	0.0%	0	1	1
43-4071	File Clerks	44	45	1	2.3%	1	2	3
43-4081	Hotel, Motel, and Resort Desk Clerks	394	422	28	7.1%	14	20	34
43-4111	Interviewers, Except Eligibility and Loan	129	138	9	7.0%	5	4	9
43-4121	Library Assistants, Clerical	70	72	2	2.9%	1	3	4
43-4131	Loan Interviewers and Clerks	31	32	1	3.2%	1	1	2
43-4141	New Accounts Clerks	18	20	2	11.1%	1	1	2
43-4151	Order Clerks	112	116	4	3.6%	2	3	5
43-4161	Human Resources Assistants, Except Payroll and	97	101	4	4.1%	2	2	4
43-4171	Receptionists and Information Clerks	569	612	43	7.6%	22	15	37
43-4181	Reservation and Transportation Ticket Agents and Travel	56	60	4	7.1%	2	2	4
43-4999	Financial, Information, and Record Clerks, All Other (OES	185	180	-5	-2.7%	-3	3	1
43-5000	Material Recording, Scheduling, Dispatching, and Distributing	1,213	1,250	37	3.1%	19	42	61
43-5011	Cargo and Freight Agents	18	19	1	5.6%	1	1	2
43-5021	Couriers and Messengers	37	37	0	0.0%	0	1	1
43-5031	Police, Fire, and Ambulance Dispatchers	74	77	3	4.1%	2	2	4
43-5032	Dispatchers, Except Police, Fire, and Ambulance	38	40	2	5.3%	1	1	2
43-5041	Meter Readers, Utilities	16	16	0	0.0%	0	1	1
43-5051	Postal Service Clerks	39	38	-1	-2.6%	-1	1	1
43-5052	Postal Service Mail Carriers	122	119	-3	-2.5%	-2	4	3

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	50	48	-2	-4.0%	-1	1	0
43-5061	Production, Planning, and Expediting Clerks	79	84	5	6.3%	3	2	5
43-5071	Shipping, Receiving, and Traffic Clerks	226	247	21	9.3%	11	5	16
43-5081	Stock Clerks and Order Fillers	508	518	10	2.0%	5	26	31
43-5111	Weighers, Measurers, Checkers, and Samplers,	**	**	**	16.7%	**	**	**
43-5199	Material Recording, Scheduling, Dispatching, and Distributing	**	**	**	**	**	**	**
43-6000	Secretaries and Administrative Assistants	1,371	1,428	57	4.2%	29	25	54
43-6011	Executive Secretaries and Administrative Assistants	504	524	20	4.0%	10	9	19
43-6012	Legal Secretaries	76	83	7	9.2%	4	2	6
43-6013	Medical Secretaries	113	118	5	4.4%	3	2	5
43-6014	Secretaries, Except Legal, Medical, and Executive	678	703	25	3.7%	13	12	25
43-9000	Other Office and Administrative Support Workers	2,142	2,194	52	2.4%	26	49	75
43-9011	Computer Operators	81	83	2	2.5%	1	2	3
43-9021	Data Entry Keyers	53	54	1	1.9%	1	2	3
43-9022	Word Processors and Typists	58	56	-2	-3.4%	-1	2	1
43-9031	Desktop Publishers	**	**	**	0.0%	**	**	**
43-9041	Insurance Claims and Policy Processing Clerks	**	**	**	50.0%	**	**	**
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	152	151	-1	-0.7%	-1	5	5
43-9061	Office Clerks, General	1,754	1,803	49	2.8%	25	39	64
43-9071	Office Machine Operators, Except Computer	**	**	**	0.0%	**	**	**
43-9081	Proofreaders and Copy Markers	**	**	**	20.0%	**	**	**
43-9111	Statistical Assistants	**	**	**	**	**	**	**
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only)	28	29	1	3.6%	1	1	2
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>120</b>	<b>124</b>	<b>4</b>	<b>3.3%</b>	<b>2</b>	<b>3</b>	<b>5</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	**	**	**	0.0%	**	**	**
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	**	**	**	0.0%	**	**	**
45-1012	Farm Labor Contractors	**	**	**	**	**	**	**
45-2000	Agricultural Workers	102	105	3	2.9%	2	3	5
45-2011	Agricultural Inspectors	**	**	**	**	**	**	**
45-2021	Animal Breeders	**	**	**	**	**	**	**
45-2041	Graders and Sorters, Agricultural Products	**	**	**	**	**	**	**
45-2091	Agricultural Equipment Operators	**	**	**	0.0%	**	**	**
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	87	91	4	4.6%	2	3	5
45-2093	Farmworkers, Farm and Ranch Animals	12	11	-1	-8.3%	-1	1	1

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
45-3000	Fishing and Hunting Workers	**	**	**	**	**	**	**
45-3011	Fishers and Related Fishing Workers	**	**	**	**	**	**	**
45-3021	Hunters and Trappers	**	**	**	**	**	**	**
45-4000	Forest, Conservation, and Logging Workers	**	**	**	14.3%	**	**	**
45-4011	Forest and Conservation Workers	**	**	**	**	**	**	**
45-4021	Fallers	**	**	**	0.0%	**	**	**
45-4022	Logging Equipment Operators	**	**	**	16.7%	**	**	**
45-4023	Log Graders and Scalers	**	**	**	**	**	**	**
45-9000	Other Farming, Fishing, and Forestry Workers	**	**	**	0.0%	**	**	**
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	**	**	**	0.0%	**	**	**
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>3,931</b>	<b>4,352</b>	<b>421</b>	<b>10.7%</b>	<b>211</b>	<b>72</b>	<b>283</b>
47-1000	Supervisors, Construction and Extraction Workers	269	298	29	10.8%	15	4	19
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	269	298	29	10.8%	15	4	19
47-2000	Construction Trades Workers	3,133	3,483	350	11.2%	175	52	227
47-2011	Boilermakers	**	**	**	11.1%	**	**	**
47-2021	Brickmasons and Blockmasons	161	178	17	10.6%	9	2	11
47-2022	Stonemasons	**	**	**	0.0%	**	**	**
47-2031	Carpenters	1,058	1,180	122	11.5%	61	16	77
47-2041	Carpet Installers	92	103	11	12.0%	6	1	7
47-2044	Tile and Marble Setters	44	48	4	9.1%	2	1	3
47-2051	Cement Masons and Concrete Finishers	137	155	18	13.1%	9	3	12
47-2061	Construction Laborers	384	430	46	12.0%	23	5	28
47-2071	Paving, Surfacing, and Tamping Equipment Operators	55	57	2	3.6%	1	1	2
47-2072	Pile-Driver Operators	**	**	**	**	**	**	**
47-2073	Operating Engineers and Other Construction Equipment	188	203	15	8.0%	8	5	13
47-2081	Drywall and Ceiling Tile Installers	34	38	4	11.8%	2	1	3
47-2082	Tapers	22	26	4	18.2%	2	1	3
47-2111	Electricians	155	174	19	12.3%	10	3	13
47-2121	Glaziers	**	**	**	0.0%	**	**	**
47-2130	Insulation Workers	98	109	11	11.2%	6	3	9
47-2141	Painters, Construction and Maintenance	283	309	26	9.2%	13	4	17
47-2151	Pipelayers	60	68	8	13.3%	4	2	6
47-2152	Plumbers, Pipefitters, and Steamfitters	221	248	27	12.2%	14	5	19
47-2161	Plasterers and Stucco Masons	**	**	**	11.1%	**	**	**
47-2171	Reinforcing Iron and Rebar Workers	**	**	**	0.0%	**	**	**
47-2181	Roofers	79	89	10	12.7%	5	2	7

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-2211	Sheet Metal Workers	12	14	2	16.7%	1	1	2
47-2221	Structural Iron and Steel Workers	14	15	1	7.1%	1	1	2
47-3000	Helpers, Construction Trades	276	305	29	10.5%	15	12	27
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	95	104	9	9.5%	5	4	9
47-3012	Helpers--Carpenters	61	68	7	11.5%	4	3	7
47-3013	Helpers--Electricians	20	22	2	10.0%	1	1	2
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco	20	22	2	10.0%	1	1	2
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	70	78	8	11.4%	4	3	7
47-3016	Helpers--Roofers	10	11	1	10.0%	1	1	2
47-3019	Helpers, Construction Trades, All Other	**	**	**	**	**	**	**
47-4000	Other Construction and Related Workers	236	247	11	4.7%	6	4	10
47-4011	Construction and Building Inspectors	44	45	1	2.3%	1	1	2
47-4031	Fence Erectors	**	**	**	**	**	**	**
47-4041	Hazardous Materials Removal Workers	**	**	**	**	**	**	**
47-4051	Highway Maintenance Workers	176	184	8	4.5%	4	3	7
47-4061	Rail-Track Laying and Maintenance Equipment Operators	10	10	0	0.0%	0	0	0
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	**	**	**	33.3%	**	**	**
47-4900	All Other Construction Trades and Related Workers	**	**	**	0.0%	**	**	**
47-4999	Construction Trades and Related Workers, All Other (OES)	**	**	**	0.0%	**	**	**
47-5000	Extraction Workers	16	18	2	12.5%	1	0	1
47-5012	Rotary Drill Operators, Oil and Gas	**	**	**	**	**	**	**
47-5013	Service Unit Operators, Oil, Gas, and Mining	**	**	**	**	**	**	**
47-5021	Earth Drillers, Except Oil and Gas	**	**	**	**	**	**	**
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	**	**	**	0.0%	**	**	**
47-5041	Continuous Mining Machine Operators	**	**	**	**	**	**	**
47-5042	Mine Cutting and Channeling Machine Operators	**	**	**	0.0%	**	**	**
47-5049	Mining Machine Operators, All Other	**	**	**	12.5%	**	**	**
47-5051	Rock Splitters, Quarry	**	**	**	**	**	**	**
47-5071	Roustabouts, Oil and Gas	**	**	**	**	**	**	**
47-5081	Helpers--Extraction Workers	**	**	**	**	**	**	**
47-5099	Extraction Workers, All Other	**	**	**	**	**	**	**
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>2,553</b>	<b>2,705</b>	<b>152</b>	<b>6.0%</b>	<b>76</b>	<b>56</b>	<b>132</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	164	175	11	6.7%	6	4	10
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and	164	175	11	6.7%	6	4	10
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and	154	158	4	2.6%	2	3	5
49-2011	Computer, Automated Teller, and Office Machine Repairers	30	32	2	6.7%	1	1	2

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-2021	Radio Mechanics	14	14	0	0.0%	0	1	1
49-2022	Telecommunications Equipment Installers and Repairers,	50	51	1	2.0%	1	1	2
49-2091	Avionics Technicians	**	**	**	0.0%	**	**	**
49-2092	Electric Motor, Power Tool, and Related Repairers	**	**	**	**	**	**	**
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	**	**	**	**	**	**	**
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	**	**	**	0.0%	**	**	**
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	**	**	**	**	**	**	**
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	**	**	**	0.0%	**	**	**
49-2097	Electronic Home Entertainment Equipment Installers and	30	30	0	0.0%	0	1	1
49-2098	Security and Fire Alarm Systems Installers	17	19	2	11.8%	1	1	2
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	865	899	34	3.9%	17	22	39
49-3011	Aircraft Mechanics and Service Technicians	68	68	0	0.0%	0	2	2
49-3021	Automotive Body and Related Repairers	77	80	3	3.9%	2	2	4
49-3022	Automotive Glass Installers and Repairers	**	**	**	0.0%	**	**	**
49-3023	Automotive Service Technicians and Mechanics	359	371	12	3.3%	6	10	16
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	81	88	7	8.6%	4	2	6
49-3041	Farm Equipment Mechanics	**	**	**	0.0%	**	**	**
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	94	98	4	4.3%	2	2	4
49-3043	Rail Car Repairers	20	21	1	5.0%	1	1	2
49-3051	Motorboat Mechanics	91	93	2	2.2%	1	2	3
49-3052	Motorcycle Mechanics	**	**	**	0.0%	**	**	**
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	11	13	2	18.2%	1	1	2
49-3091	Bicycle Repairers	**	**	**	20.0%	**	**	**
49-3092	Recreational Vehicle Service Technicians	10	11	1	10.0%	1	1	2
49-3093	Tire Repairers and Changers	29	30	1	3.4%	1	2	3
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-9000	Other Installation, Maintenance, and Repair Occupations	1,370	1,473	103	7.5%	52	27	79
49-9011	Mechanical Door Repairers	**	**	**	**	**	**	**
49-9012	Control and Valve Installers and Repairers, Except Mechanical	**	**	**	0.0%	**	**	**
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	66	75	9	13.6%	5	1	6

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-9031	Home Appliance Repairers	18	19	1	5.6%	1	1	2
49-9041	Industrial Machinery Mechanics	43	49	6	14.0%	3	1	4
49-9042	Maintenance and Repair Workers, General	995	1,066	71	7.1%	36	18	54
49-9043	Maintenance Workers, Machinery	**	**	**	14.3%	**	**	**
49-9044	Millwrights	**	**	**	0.0%	**	**	**
49-9045	Refractory Materials Repairers, Except Brickmasons	**	**	**	**	**	**	**
49-9051	Electrical Power-Line Installers and Repairers	11	12	1	9.1%	1	1	2
49-9052	Telecommunications Line Installers and Repairers	69	78	9	13.0%	5	2	7
49-9062	Medical Equipment Repairers	**	**	**	0.0%	**	**	**
49-9069	Precision Instrument and Equipment Repairers, All Other	**	**	**	**	**	**	**
49-9091	Coin, Vending, and Amusement Machine Servicers and	14	14	0	0.0%	0	1	1
49-9092	Commercial Divers	**	**	**	**	**	**	**
49-9093	Fabric Menders, Except Garment	11	11	0	0.0%	0	0	0
49-9094	Locksmiths and Safe Repairers	15	15	0	0.0%	0	1	1
49-9096	Riggers	**	**	**	**	**	**	**
49-9097	Signal and Track Switch Repairers	**	**	**	0.0%	**	**	**
49-9098	Helpers--Installation, Maintenance, and Repair Workers	51	53	2	3.9%	1	2	3
49-9099	Installation, Maintenance, and Repair Workers, All Other	51	52	1	2.0%	1	1	2
<b>51-0000</b>	<b>Production Occupations</b>	<b>2,401</b>	<b>2,627</b>	<b>226</b>	<b>9.4%</b>	<b>113</b>	<b>56</b>	<b>169</b>
51-1000	Supervisors, Production Workers	164	181	17	10.4%	9	3	12
51-1011	First-Line Supervisors/Managers of Production and Operating	164	181	17	10.4%	9	3	12
51-2000	Assemblers and Fabricators	414	457	43	10.4%	22	11	33
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	**	**	**	**	**	**	**
51-2021	Coil Winders, Tapers, and Finishers	**	**	**	**	**	**	**
51-2022	Electrical and Electronic Equipment Assemblers	**	**	**	33.3%	**	**	**
51-2023	Electromechanical Equipment Assemblers	**	**	**	0.0%	**	**	**
51-2031	Engine and Other Machine Assemblers	**	**	**	**	**	**	**
51-2041	Structural Metal Fabricators and Fitters	**	**	**	12.5%	**	**	**
51-2091	Fiberglass Laminators and Fabricators	14	16	2	14.3%	1	1	2
51-2092	Team Assemblers	168	190	22	13.1%	11	5	16
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	**	**	**	**	**	**	**
51-2099	Assemblers and Fabricators, All Other	220	237	17	7.7%	9	6	15
51-3000	Food Processing Workers	152	163	11	7.2%	6	4	10
51-3011	Bakers	44	48	4	9.1%	2	1	3
51-3021	Butchers and Meat Cutters	45	46	1	2.2%	1	1	2
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	**	**	**	0.0%	**	**	**
51-3023	Slaughterers and Meat Packers	**	**	**	**	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	**	**	**	0.0%	**	**	**
51-3092	Food Batchmakers	50	56	6	12.0%	3	2	5
51-3093	Food Cooking Machine Operators and Tenders	**	**	**	0.0%	**	**	**
51-3099	Food Processing Workers, All Other (OES Only)	**	**	**	**	**	**	**
51-4000	Metal Workers and Plastic Workers	337	379	42	12.5%	21	7	28
51-4011	Computer-Controlled Machine Tool Operators, Metal and	**	**	**	27.3%	**	**	**
51-4012	Numerical Tool and Process Control Programmers	**	**	**	0.0%	**	**	**
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	**	**	**	**	**	**	**
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	**	**	**	0.0%	**	**	**
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	33	37	4	12.1%	2	1	3
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and	**	**	**	11.1%	**	**	**
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	**	**	**	**	**	**	**
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool	**	**	**	**	**	**	**
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	**	**	**	**	**	**	**
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	**	**	**	**	**	**	**
51-4041	Machinists	32	35	3	9.4%	2	1	3
51-4051	Metal-Refining Furnace Operators and Tenders	**	**	**	7.7%	**	**	**
51-4061	Model Makers, Metal and Plastic	**	**	**	12.5%	**	**	**
51-4062	Patternmakers, Metal and Plastic	**	**	**	0.0%	**	**	**
51-4071	Foundry Mold and Coremakers	**	**	**	12.5%	**	**	**
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	105	117	12	11.4%	6	3	9
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	**	**	**	12.0%	**	**	**
51-4111	Tool and Die Makers	26	28	2	7.7%	1	1	2
51-4121	Welders, Cutters, Solderers, and Brazers	44	50	6	13.6%	3	1	4
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	**	**	**	**	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-4192	Lay-Out Workers, Metal and Plastic	**	**	**	**	**	**	**
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	**	**	**	50.0%	**	**	**
51-4194	Tool Grinders, Filers, and Sharpeners	**	**	**	0.0%	**	**	**
51-4199	Metal Workers and Plastic Workers, All Other	**	**	**	**	**	**	**
51-5000	Printing Workers	56	62	6	10.7%	3	1	4
51-5011	Bindery Workers	**	**	**	**	**	**	**
51-5021	Job Printers	**	**	**	0.0%	**	**	**
51-5022	Prepress Technicians and Workers	**	**	**	0.0%	**	**	**
51-5023	Printing Machine Operators	45	51	6	13.3%	3	1	4
51-6000	Textile, Apparel, and Furnishings Workers	251	269	18	7.2%	9	6	15
51-6011	Laundry and Dry-Cleaning Workers	171	180	9	5.3%	5	5	10
51-6021	Pressers, Textile, Garment, and Related Materials	23	24	1	4.3%	1	1	2
51-6031	Sewing Machine Operators	34	39	5	14.7%	3	1	4
51-6041	Shoe and Leather Workers and Repairers	**	**	**	**	**	**	**
51-6042	Shoe Machine Operators and Tenders	**	**	**	**	**	**	**
51-6051	Sewers, Hand	**	**	**	**	**	**	**
51-6052	Tailors, Dressmakers, and Custom Sewers	13	15	2	15.4%	1	0	1
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	**	**	**	**	**	**	**
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	**	**	**	**	**	**	**
51-6092	Fabric and Apparel Patternmakers	**	**	**	**	**	**	**
51-6093	Upholsterers	**	**	**	0.0%	**	**	**
51-6099	Textile, Apparel, and Furnishings Workers, All Other	**	**	**	50.0%	**	**	**
51-7000	Woodworkers	49	51	2	4.1%	1	2	3
51-7011	Cabinetmakers and Bench Carpenters	18	20	2	11.1%	1	1	2
51-7021	Furniture Finishers	**	**	**	**	**	**	**
51-7032	Patternmakers, Wood	**	**	**	**	**	**	**
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	30	30	0	0.0%	0	1	1
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	**	**	**	0.0%	**	**	**
51-7099	Woodworkers, All Other	**	**	**	**	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-8000	Plant and System Operators	110	113	3	2.7%	2	3	5
51-8012	Power Distributors and Dispatchers	11	11	0	0.0%	0	0	0
51-8013	Power Plant Operators	**	**	**	**	**	**	**
51-8021	Stationary Engineers and Boiler Operators	11	12	1	9.1%	1	0	1
51-8031	Water and Liquid Waste Treatment Plant and System	73	76	3	4.1%	2	3	5
51-8091	Chemical Plant and System Operators	**	**	**	**	**	**	**
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	**	**	**	0.0%	**	**	**
51-8099	Plant and System Operators, All Other	14	13	-1	-7.1%	-1	1	1
51-9000	Other Production Occupations	868	952	84	9.7%	42	20	62
51-9011	Chemical Equipment Operators and Tenders	**	**	**	0.0%	**	**	**
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	**	**	**	0.0%	**	**	**
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	14	16	2	14.3%	1	1	2
51-9022	Grinding and Polishing Workers, Hand	16	18	2	12.5%	1	1	2
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	16	18	2	12.5%	1	1	2
51-9031	Cutters and Trimmers, Hand	**	**	**	**	**	**	**
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	**	**	**	20.0%	**	**	**
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	**	**	**	12.5%	**	**	**
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	**	**	**	**	**	**	**
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	75	80	5	6.7%	3	2	5
51-9071	Jewelers and Precious Stone and Metal Workers	**	**	**	0.0%	**	**	**
51-9081	Dental Laboratory Technicians	245	265	20	8.2%	10	5	15
51-9082	Medical Appliance Technicians	**	**	**	50.0%	**	**	**
51-9083	Ophthalmic Laboratory Technicians	**	**	**	**	**	**	**
51-9111	Packaging and Filling Machine Operators and Tenders	100	115	15	15.0%	8	2	10
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	13	14	1	7.7%	1	1	2
51-9122	Painters, Transportation Equipment	18	20	2	11.1%	1	1	2
51-9123	Painting, Coating, and Decorating Workers	28	30	2	7.1%	1	1	2
51-9131	Photographic Process Workers	14	14	0	0.0%	0	1	1
51-9132	Photographic Processing Machine Operators	**	**	**	0.0%	**	**	**
51-9141	Semiconductor Processors	**	**	**	**	**	**	**
51-9191	Cementing and Gluing Machine Operators and Tenders	**	**	**	0.0%	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	**	**	**	12.0%	**	**	**
51-9193	Cooling and Freezing Equipment Operators and Tenders	**	**	**	8.3%	**	**	**
51-9194	Etchers and Engravers	**	**	**	11.1%	**	**	**
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	**	**	**	0.0%	**	**	**
51-9196	Paper Goods Machine Setters, Operators, and Tenders	62	71	9	14.5%	5	2	7
51-9198	Helpers--Production Workers	124	137	13	10.5%	7	4	11
51-9199	Production Workers, All Other	53	56	3	5.7%	2	1	3
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>3,594</b>	<b>3,802</b>	<b>208</b>	<b>5.8%</b>	<b>104</b>	<b>80</b>	<b>184</b>
53-1000	Supervisors, Transportation and Material Moving Workers	178	186	8	4.5%	4	4	8
53-1011	Aircraft Cargo Handling Supervisors	**	**	**	0.0%	**	**	**
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	44	47	3	6.8%	2	1	3
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	131	136	5	3.8%	3	3	6
53-2000	Air Transportation Workers	68	66	-2	-2.9%	-1	2	1
53-2011	Airline Pilots, Copilots, and Flight Engineers	15	16	1	6.7%	1	1	2
53-2012	Commercial Pilots	46	43	-3	-6.5%	-2	1	-1
53-2021	Air Traffic Controllers	**	**	**	0.0%	**	**	**
53-2022	Airfield Operations Specialists	**	**	**	**	**	**	**
53-2099	Air Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**
53-3000	Motor Vehicle Operators	1,630	1,744	114	7.0%	57	23	80
53-3011	Ambulance Drivers and Attendants, Except Emergency	**	**	**	0.0%	**	**	**
53-3021	Bus Drivers, Transit and Intercity	126	132	6	4.8%	3	3	6
53-3022	Bus Drivers, School	207	216	9	4.3%	5	4	9
53-3031	Driver/Sales Workers	194	208	14	7.2%	7	3	10
53-3032	Truck Drivers, Heavy and Tractor-Trailer	651	705	54	8.3%	27	10	37
53-3033	Truck Drivers, Light or Delivery Services	333	360	27	8.1%	14	3	17
53-3041	Taxi Drivers and Chauffeurs	41	43	2	4.9%	1	1	2
53-3099	Motor Vehicle Operators, All Other	72	74	2	2.8%	1	1	2
53-4000	Rail Transportation Workers	43	44	1	2.3%	1	1	2
53-4011	Locomotive Engineers	**	**	**	0.0%	**	**	**
53-4012	Locomotive Firers	**	**	**	**	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	**	**	**	**	**	**	**
53-4021	Railroad Brake, Signal, and Switch Operators	**	**	**	0.0%	**	**	**
53-4031	Railroad Conductors and Yardmasters	**	**	**	4.0%	**	**	**
53-4099	Rail Transportation Workers, All Other	**	**	**	**	**	**	**

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
53-5000	Water Transportation Workers	105	112	7	6.7%	4	3	7
53-5011	Sailors and Marine Oilers	**	**	**	**	**	**	**
53-5021	Captains, Mates, and Pilots of Water Vessels	103	110	7	6.8%	4	3	7
53-5022	Motorboat Operators	**	**	**	0.0%	**	**	**
53-5031	Ship Engineers	**	**	**	**	**	**	**
53-5099	Water Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**
53-6000	Other Transportation Workers	125	126	1	0.8%	1	6	7
53-6011	Bridge and Lock Tenders	**	**	**	**	**	**	**
53-6021	Parking Lot Attendants	16	17	1	6.3%	1	1	2
53-6031	Service Station Attendants	84	87	3	3.6%	2	5	7
53-6041	Traffic Technicians	**	**	**	0.0%	**	**	**
53-6051	Transportation Inspectors	**	**	**	0.0%	**	**	**
53-6099	Transportation Workers, All Other	**	**	**	-13.0%	**	**	**
53-7000	Material Moving Workers	1,445	1,524	79	5.5%	40	42	82
53-7011	Conveyor Operators and Tenders	**	**	**	10.0%	**	**	**
53-7021	Crane and Tower Operators	26	27	1	3.8%	1	1	2
53-7031	Dredge Operators	**	**	**	**	**	**	**
53-7032	Excavating and Loading Machine and Dragline Operators	41	46	5	12.2%	3	1	4
53-7033	Loading Machine Operators, Underground Mining	**	**	**	**	**	**	**
53-7041	Hoist and Winch Operators	**	**	**	**	**	**	**
53-7051	Industrial Truck and Tractor Operators	162	173	11	6.8%	6	3	9
53-7061	Cleaners of Vehicles and Equipment	110	117	7	6.4%	4	4	8
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	592	618	26	4.4%	13	23	36
53-7063	Machine Feeders and Offbearers	52	57	5	9.6%	3	2	5
53-7064	Packers and Packagers, Hand	396	418	22	5.6%	11	8	19
53-7071	Gas Compressor and Gas Pumping Station Operators	**	**	**	**	**	**	**
53-7072	Pump Operators, Except Wellhead Pumps	**	**	**	0.0%	**	**	**
53-7081	Refuse and Recyclable Material Collectors	42	43	1	2.4%	1	1	2
53-7111	Shuttle Car Operators	**	**	**	**	**	**	**
53-7121	Tank Car, Truck, and Ship Loaders	**	**	**	0.0%	**	**	**
53-7199	Material Moving Workers, All Other	**	**	**	0.0%	**	**	**

\*For more information on the Standard Occupational Classification (SOC) system, go to: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)

For Occupational Dictionary, see:

[http://www.workforce.az.gov/admin/uploadedPublications/1700\\_OccupationDictionary04.pdf](http://www.workforce.az.gov/admin/uploadedPublications/1700_OccupationDictionary04.pdf)

## 2004-2006 Flagstaff MSA Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total

\*\*Data suppressed due to confidentiality or base employment of less than 10.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, June 2005.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.

Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Totals may not add exactly due to rounding or suppression of data.

*The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.*

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.

It is therefore recommended that these data be used with other sources of occupational information.

See Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

## Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:  
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.